

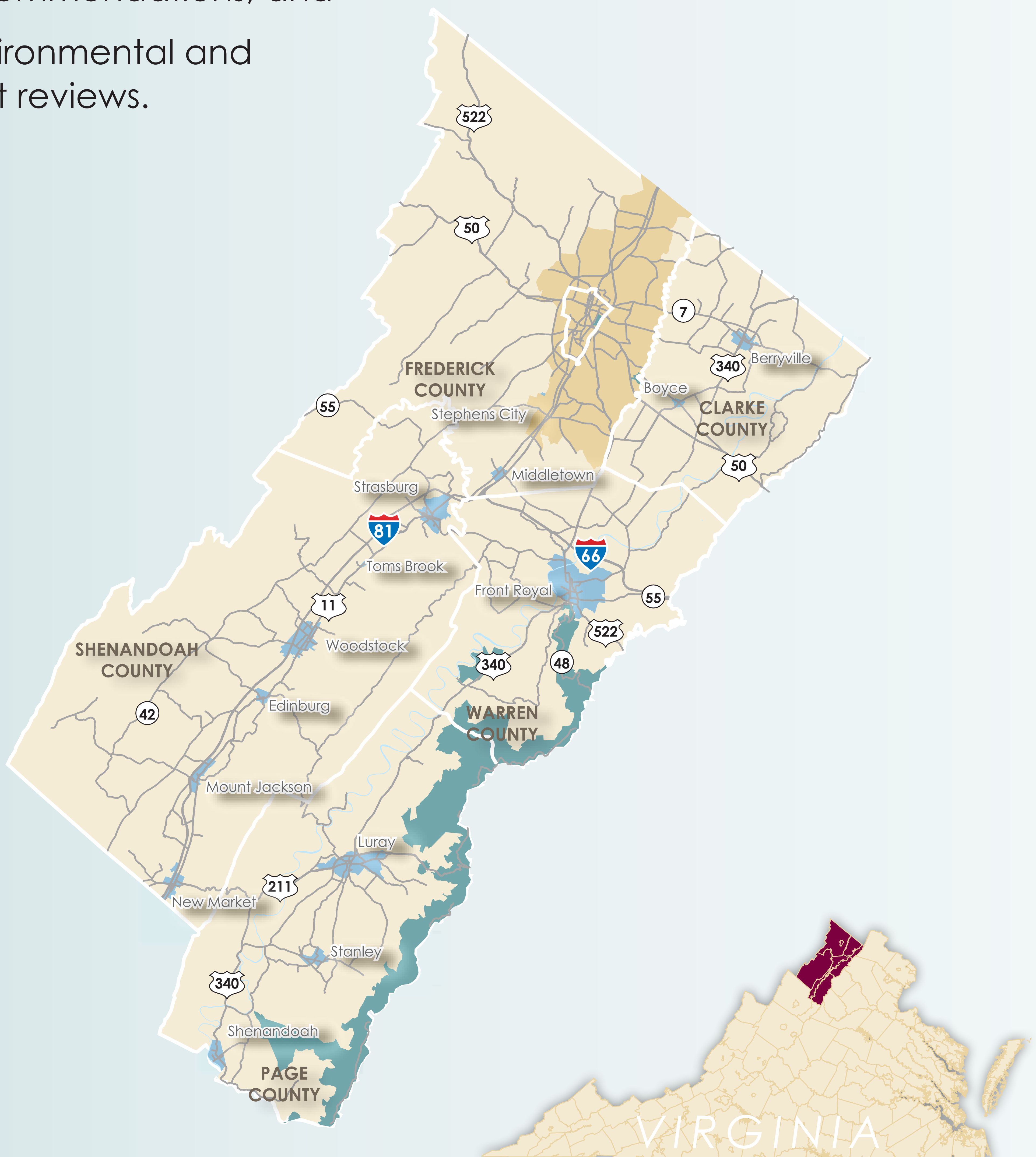
# Regional Goals

- Goal 1:** Incorporate the established Goals and Objectives from Commission jurisdictions.
- Goal 2:** Establish and maintain long term regional transportation priorities in recognition of the different viewpoints of local jurisdictions, to enable regional decision-making/consensus.
- Goal 3:** Build on the Northern Shenandoah Valley's historical role as transportation corridor having many crossroad communities and marketplaces by improving the regional transportation system to service both local and through traffic for Winchester City, the Towns of Berryville, Boyce, Edinburg, Front Royal, Luray, Middletown, New Market, Mt. Jackson, Shenandoah, Stanley, Stephens City, Strasburg, Toms Brook, Woodstock, villages and rural destinations in the unincorporated areas of the Counties of Clarke, Frederick, Page, Shenandoah and Warren .
- Goal 4:** Anticipate the growth of the industrial market and the growth of the Inland Port through transportation improvements that manage industrial access and increase freight rail service.
- Goal 5:** Provide a safe and efficient road system within the Northern Shenandoah Valley.
- Goal 6:** Encourage growth in town, city and urban-services areas providing adequate and convenient parking and a connected system of sidewalks and walking paths.
- Goal 7:** Encourage the use of alternate modes of transportation to that of the single occupancy vehicle for routine trips such as walking, bicycling, ridesharing, commuter pooling, and public transit, with connections to commercial air and rail services.
- Goal 8:** Provide a transportation network that is sensitive to the region's environment.
- Goal 9:** Provide land use patterns that maximize the efficiency of the transportation network.



# Study Approach

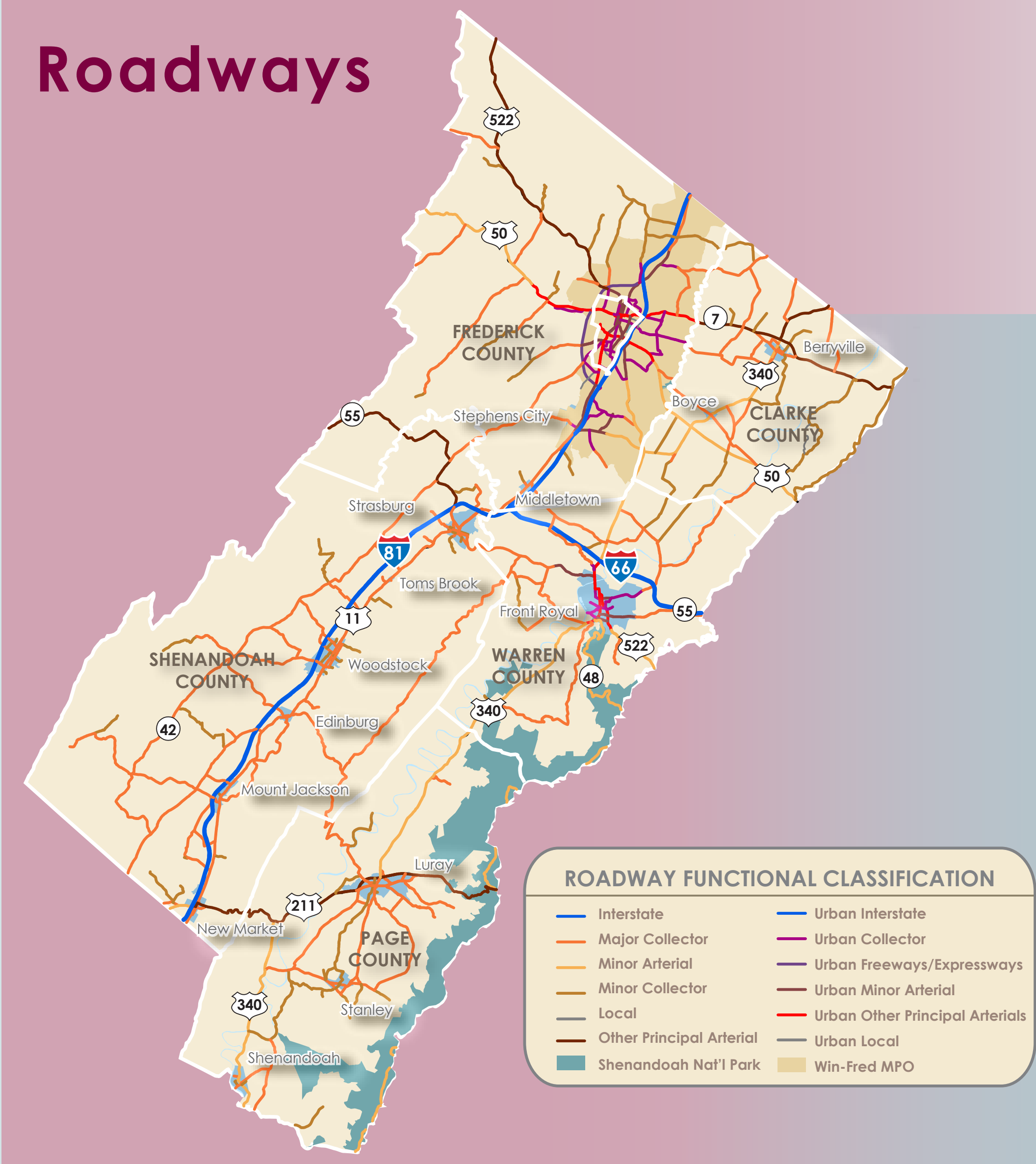
- Development of regional transportation goals and objectives,
- Public involvement,
- Data compilation and collection,
- Data analysis,
- Identification of transportation deficiencies and recommendations, and
- Environmental and cost reviews.





# Existing Conditions: Modal Analysis

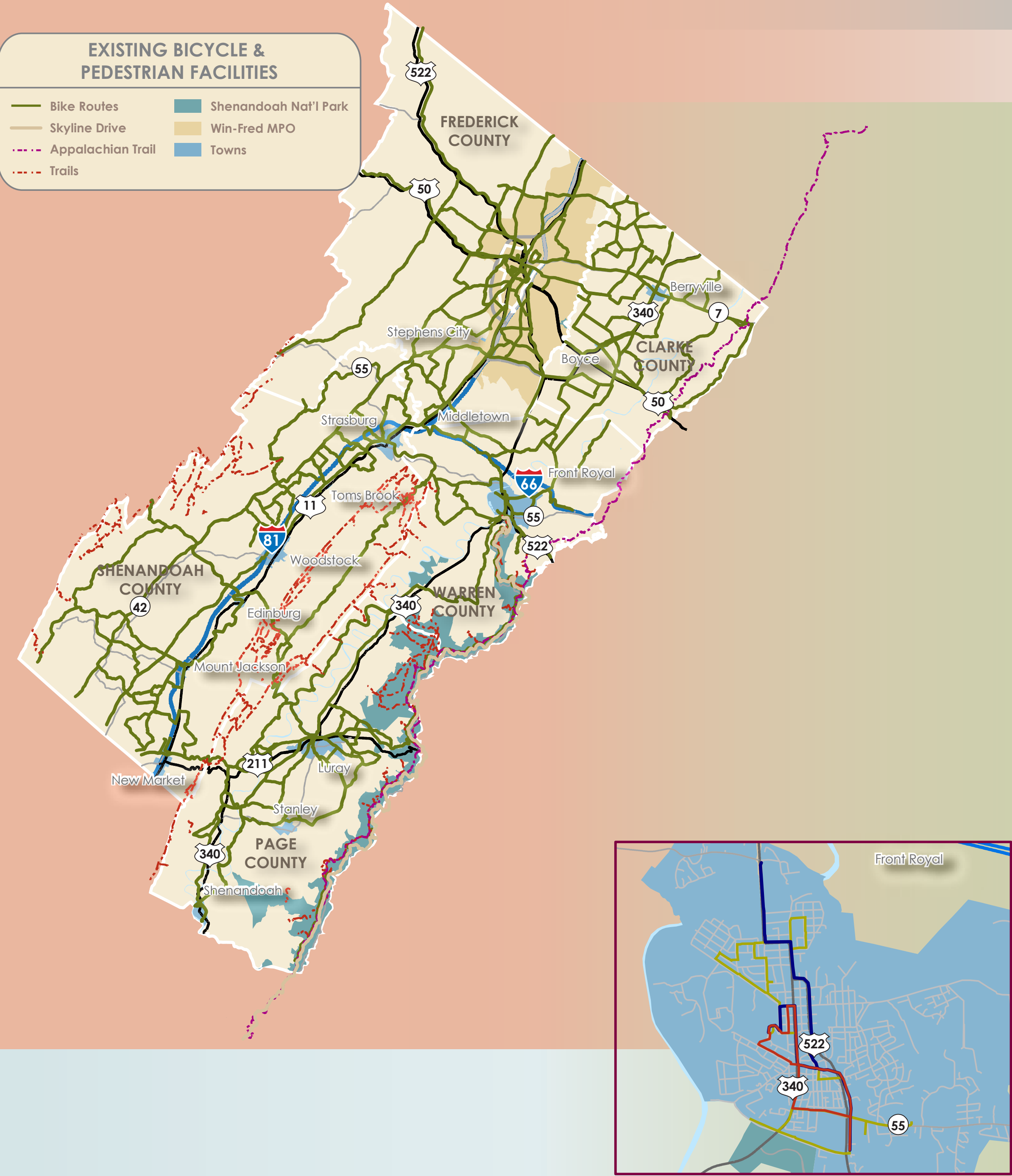
## Roadways



## Rail & Air



## Bicycle and Pedestrian Facilities

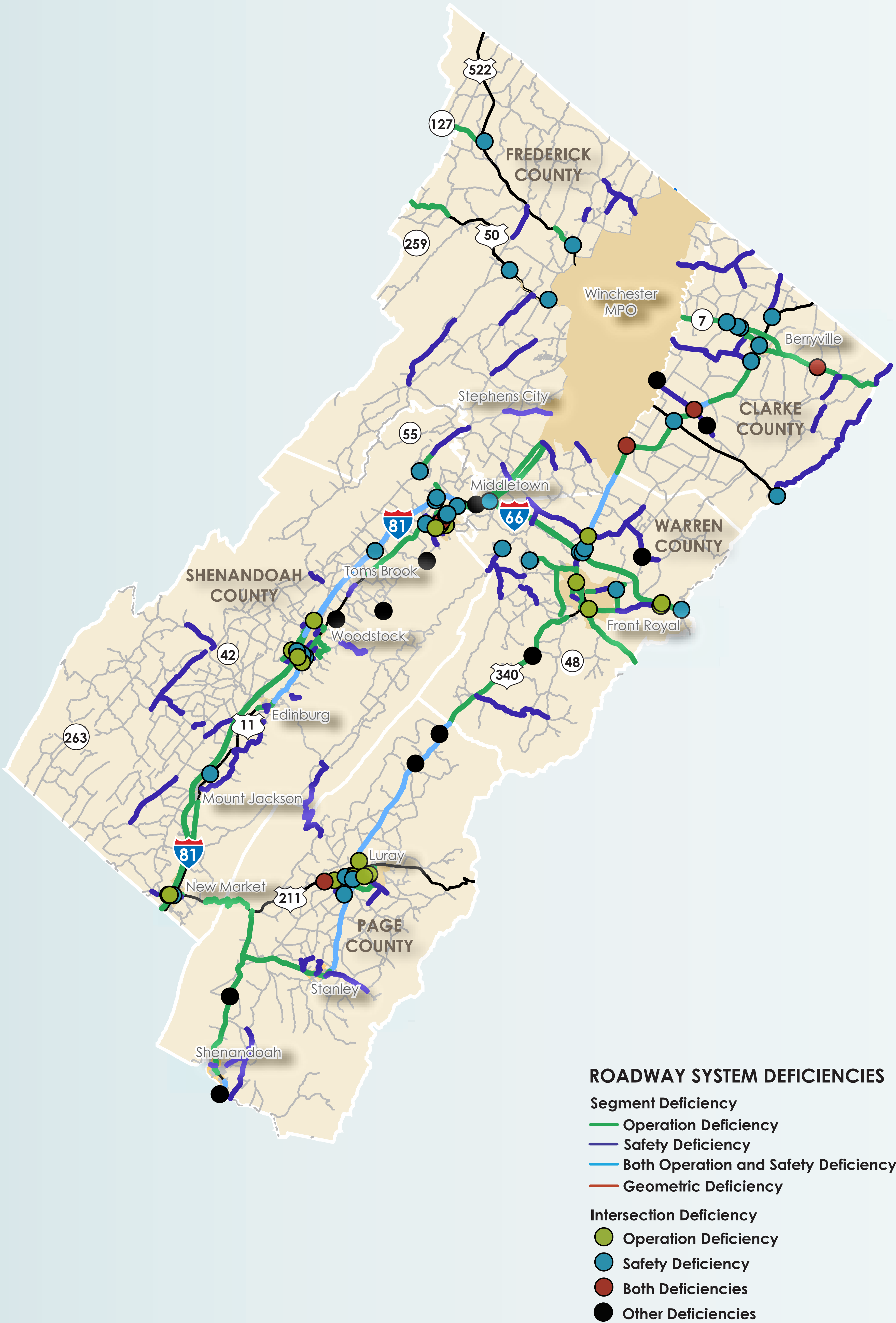


## Transit





# Roadway System Deficiencies





# Clarke County Deficiencies

## CLARKE COUNTY RECOMMENDATIONS

- 1

**US 340 at VA 657 (Senseny Rd.)**  
Short-term add stop bars to minor approaches and refresh pavement markings; Mid-term add northbound left turn lane and southbound right turn lane; Long-term monitor crashes to see if horizontal realignment may be warranted.
- 2

**VA 7 (Harry Byrd Hwy.)/VA 612 (Shepherds Mill Rd.)**  
Short-term access management and eliminate dip on westbound approach; Mid-term widen VA 612 approach; Long-term upgrade intersection to current design standards, including left and right turn lanes and signalize intersection.
- 3

**US 340 (Lord Fairfax Hwy.)/VA 611 (Summit Point Rd.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 4

**VA 7 (Harry Flood Byrd Hwy.)/Berryville Pike)/VA 7 BUS (W. Main St.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 5

**VA 7 (Berryville Pike)/VA 653**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 6

**VA 7 (Berryville Pike)/VA 632 (Triple J Rd./Crums Church Rd.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 7

**US 17/US 50 (John S. Mosby Hwy.)/VA 601 (Blue Ridge Mountain Rd.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 8

**VA 277 (Double Tollgate/Lord Fairfax Hwy.) at US 340/522 (Stonewall Jackson Hwy.)**  
Short-term access management; Mid-term provide turn lanes to Double Tollgate Road; Long-term widen east-west roadway to allow for two through lanes in each direction through intersection, provide separate left and right turn bays, and modify signal phasing.
- 9

**US 340 /US 17/50**  
Short-term access management, add “Left Turn Signal” signs on all mast arms, convert northbound free-right movement to signal control; Mid-term widen US 340 to two through lanes, construct dual lefts for southbound and westbound left turns, and monitor traffic volumes to determine whether an interchange is warranted.
- 10

**US 340 from 0.13 M. S. US 522/VA 277 to US 522/VA 277**  
Long-term widen to urban six-lane roadway with median.
- 11

**US 340 from US 340/VA 277 to .12 M. S. US 50/US 17**  
Long-term widen to rural four-lane roadway with median.
- 12

**VA 277 (Fairfax Pike) from Frederick Co. Line to US 340/522**  
Long-term widen to urban four-lane roadway with median.
- 13

**US 340 (Lord Fairfax Hwy.) from 0.75 M. N. US 50/17 to VA 688 N.**  
Long-term widen to rural four-lane roadway with median.
- 14

**US 340 (Lord Fairfax Hwy.) from VA 620 to VA 255**  
Long-term reconstruct roadway to rural two-lane standards with turn lanes at key intersections along corridor.
- 15

**US 340 (Lord Fairfax Hwy.) from VA 255 to VA 657**  
Long-term reconstruct roadway to rural two-lane standards with turn lanes at key intersections along corridor.
- 16

**US 340 (Lord Fairfax Hwy.) from VA 657 to SCL of Berryville**  
Long-term reconstruct roadway to rural two-lane standards with turn lanes at key intersections along corridor.
- 17

**VA 7 (Harry Flood Byrd Hwy.) from Frederick Co. Line to VA 7 BUS W.**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies and perform regional travel pattern study to identify locations of potential Park & Ride lots.
- 18

**VA 7 (Harry Flood Byrd Hwy.) from VA 7 BUS W. to US 340**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies and perform regional travel pattern study to identify locations of potential Park & Ride lots.
- 19

**VA 7 (Harry Flood Byrd Hwy.) from US 340 to VA 612 E.**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies and perform regional travel pattern study to identify locations of potential Park & Ride lots.
- 20

**VA 7 (Harry Flood Byrd Hwy.) from VA 612 E. to VA 603**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies and perform regional travel pattern study to identify locations of potential Park & Ride lots.
- 21

**VA 7 (Harry Flood Byrd Hwy.) from VA 603 to VA 606**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies and perform regional travel pattern study to identify locations of potential Park & Ride lots.
- 22

**VA 7 (Harry Flood Byrd Hwy.) from VA 606 to Loudoun Co. Line**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies and perform regional travel pattern study to identify locations of potential Park & Ride lots.
- 23

**VA 601 (Blue Ridge Mountain Rd.) from US 50 to 4.5 M. N. US 50**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 24

**VA 601 (Blue Ridge Mountain Rd.) from 4.5 M. N. US 50 to VA 605**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 25

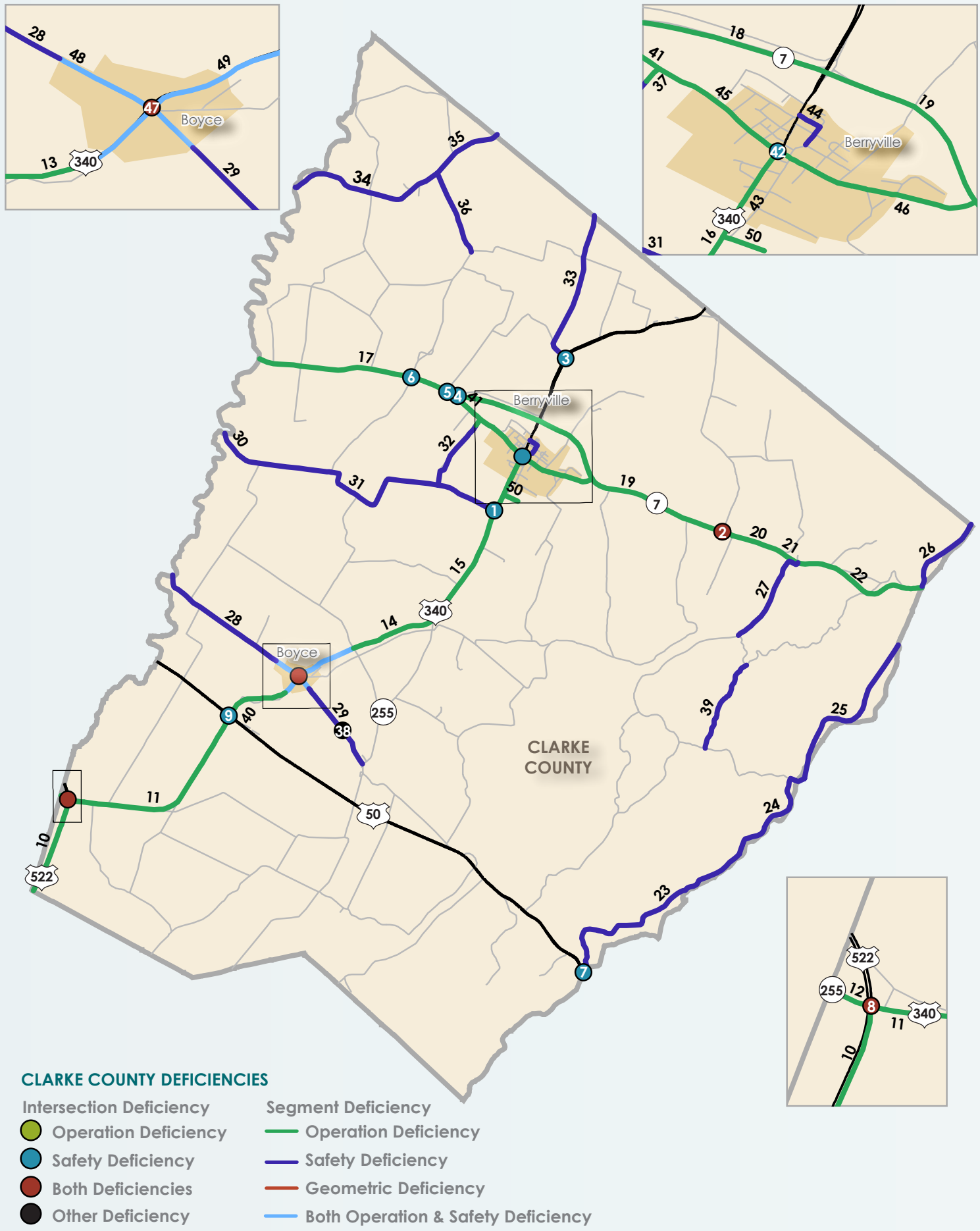
**VA 601 (Blue Ridge Mountain Rd.) from VA 605 to Loudoun Co. Line**  
Long-term continue to monitor for potential improvements to address safety, geometric and capacity deficiencies such as reconstruction of the roadway within the existing cross-section, adding shoulders or implementing spot-specific treatments.
- 26

**VA 601 (Raven Rocks Rd.) from Loudoun Co. Line to West Virginia State Line**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 27

**VA 606 (River Rd.) from VA 607 to VA 7**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 28

**VA 723 (Old Winchester Rd.) from Frederick Co. Line to NCL of Boyce**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 29

**VA 723 (Main St.) from SCL of Boyce to VA 255 N.**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.



- 30

**VA 657 (Senseny Rd.) from Frederick Co. Line to VA 634**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 31

**VA 657 (Senseny Rd.) from VA 634 to US 340**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 32

**VA 636 (Westwood Rd.) from 0.45 M. S. of VA 7 BUS to VA 657**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 33

**VA 611 (Summit Point Rd.) from US 340 to West Virginia State Line**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 34

**VA 761 (Old Charles Town Rd.) from Frederick Co. Line to VA 632**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 35

**VA 761 (Old Charles Town Rd.) from VA 632 to West Virginia State Line**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 36

**VA 632 (Crums Church Rd.) from VA 639 to VA 761**  
Long-term continue to monitor for potential improvements to address safety, geometric, and capacity deficiencies.
- 37

**VA 636 (Westwood Rd.) from VA 7 BUS to 0.45 M. S. of VA 7 BUS**  
Mid-term widen roadway to three-lane urban standards.
- 38

**VA 723 (Millwood Rd.) at bridge over Page Brook between Millwood and Boyce**  
Mid-term replace bridge.
- 39

**VA 604 (Ebenezer Rd.) from VA 605 (Morgan's Mill Rd.) to VA 607 (Saw Mill Hill Rd.)**  
Mid-term reconstruct roadway to standards, including larger culvert sizes.
- 40

**US 340 from .12 M. S. US 50/17 to 0.75 M. N. US 50/17**  
Mid-term widen roadway to four-lane rural standards.
- 41

**VA 7 BUS (W. Main St.) from VA 7 W. to WCL of Berryville**  
Mid-term widen roadway to three-lane urban standards.
- 42

**US 340 (Lord Fairfax Hwy.)/VA 7 BUS (W. Main St.)**  
Deficiency with low priority. Continue to monitor for potential improvements. (Berryville)
- 43

**US 340 (Lord Fairfax Hwy.) from SCL of Berryville to VA 7 BUS**  
Long-term reconstruct roadway to rural two-lane standards with turn lanes at key intersections along corridor. (Berryville)
- 44

**VA T-616 (N. Church St.) from VA T-1005 to US 340 N.**  
Long-term widen to urban two-lane roadway (including full-width lanes and shoulders). (Berryville)
- 44

**VA 7 BUS (W. Main St.) from WCL of Berryville to US 340**  
Mid-term widen roadway to three-lane urban standards. (Berryville)
- 46

**VA 7 BUS (E. Main St.) from US 340 to VA 7 E.**  
Mid-term widen roadway to three-lane urban standards. (Berryville)
- 47

**US 340/VA 723 (Main St.)**  
Short-term add stop bars to minor approaches and widen Main Street at intersection to provide left turn lanes; Long-term signalize intersection. (Boyce)
- 48

**VA 723 from WCL of Boyce to ECL of Boyce**  
Short-term refresh pavement markings; Mid-term perform traffic study to develop solutions for the corridor and address left turn conflict issues. (Boyce)
- 49

**US 340 from VA 688 N. to VA 620**  
Short-term improve drainage; Long-term reconstruct roadway to rural two-lane standards with turn lanes at key intersections along corridor. (Boyce)
- 50

**Jack Enders Blvd. from Western Terminus to US 340**  
Mid-term extend existing urban section from its existing terminus to US 340.



# Frederick County Deficiencies

## FREDERICK COUNTY RECOMMENDATIONS

- 1

**I-81 at Southbound merge from I-66**  
Long-term improve interchange (project in environmental stage).
- 2

**US 50 (Northwestern Pike)/VA 654**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 3

**US 522 (N. Frederick Pike)/VA 654 (Cedar Grove Rd.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 4

**US 522 (N. Frederick Pike)/VA 127 (Bloomery Parkway)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 5

**I-81 from Warren Co. Line/I-66 to Winchester MPO**  
Long-term widen to rural six-lane roadway with median (project in environmental stage).
- 6

**US 11 (Valley Pike) from Warren Co. Line to SCL of Middletown**  
Long-term adjacent segment of I-81 is to be widened, monitor this segment for need of capacity improvements.
- 7

**US 11 (Valley Pike) from NCL of Middletown to VA 735**  
Long-term adjacent segment of I-81 is to be widened, monitor this segment for need of capacity improvements.
- 8

**US 50 (Northwestern Pike) from West Virginia State Line to .29 M. E. of VA 703**  
Long-term widen to rural four-lane roadway with median.
- 9

**VA 127 (Bloomery Parkway) from West Virginia State Line to US 522**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 10

**US 522 (N. Frederick Pike) from VA 608 N. to VA 654**  
Long-term widen to rural four-lane roadway standards to match adjacent segments.
- 11

**VA 627 (Chapel Rd.) from VA 635 N. to WCL of Middletown**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 12

**VA 627 (Chapel Rd.) from VA 625 N. to VA 635 N.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 13

**VA 735 (Salem Church Rd.) from US 11 to 0.51 M. E. US 11**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 14

**VA 735 (Salem Church Rd.) from 0.51 M. E. US 11 to VA 636 N.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 15

**VA 641 (Double Church Rd.) from VA 636 S. to VA 640**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 16

**VA 631 (Marlboro Rd.) from VA 628 to VA 648**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 17

**VA 761 (Old Charlestown Rd.) from VA 666 E. to Clarke Co. Line**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 18

**VA 622 (Cedar Creek Grade) from VA 618 to VA 732**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 19

**VA 622 (Cedar Creek Grade) from VA 732 to VA 619**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 20

**VA 622 (Cedar Creek Grade) from VA 619 to VA 620**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 21

**VA 608 (Wardensville Grade) from VA 616 S. to US 50 S.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 22

**VA 600 (Back Mountain Rd.) from VA 608 N. to VA 612 N.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 23

**VA 600 (Hayfield Rd.) from 1.06 M. N.E. VA 679 to VA 684 S.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 24

**VA 600 (Siler Lane) from VA 684 N. to US 522**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 25

**VA 654 (Cedar Grove Rd.) from VA 677 to VA 730**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 26

**VA 739 (Apple Pie Ridge Rd.) from VA 677 to VA 671**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 27

**VA 671 (Green Spring Rd.) from VA 654 E. to VA 676**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 28

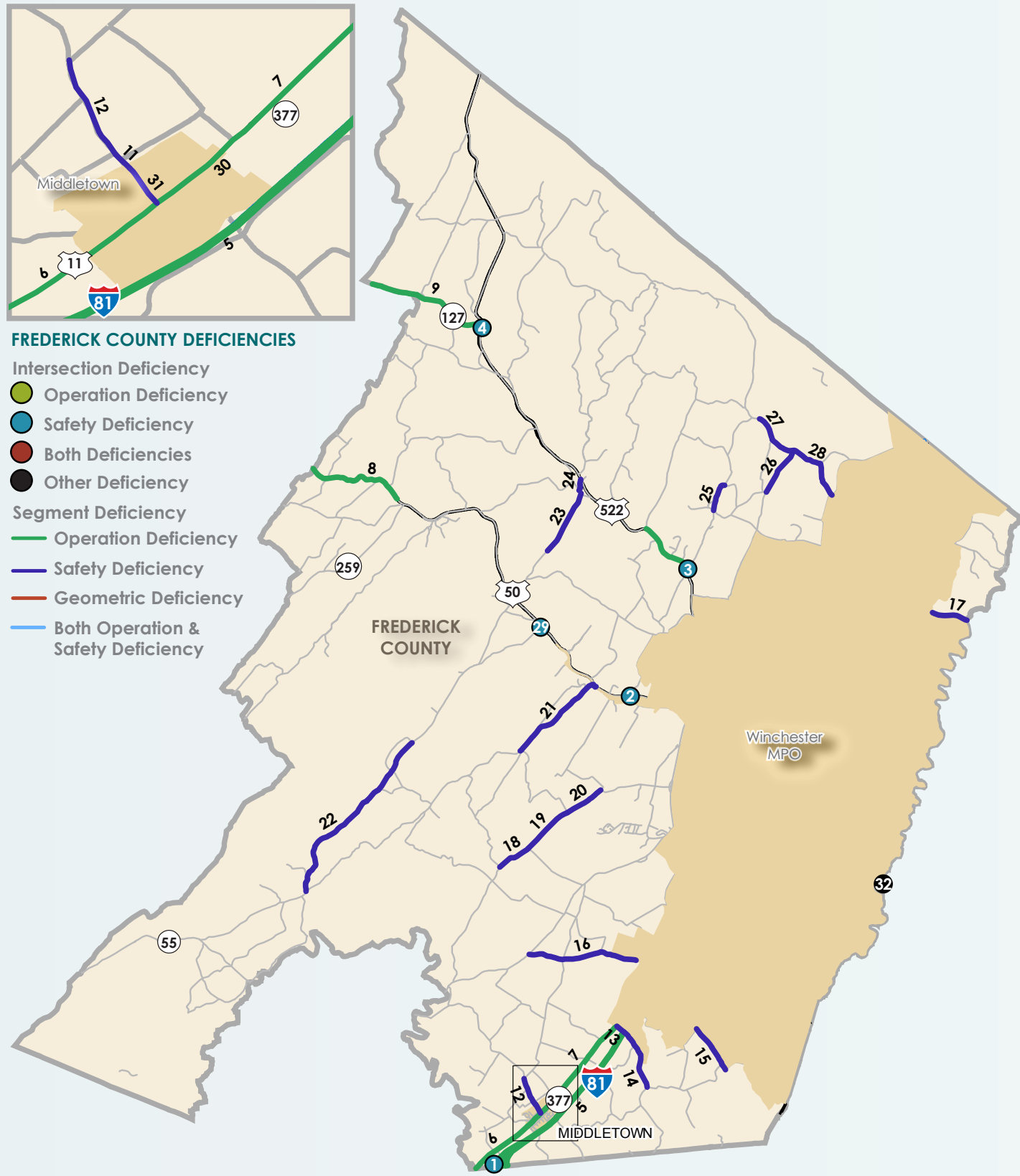
**VA 671 (Green Spring Rd.) from VA 676 to VA 661**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 29

**US 50 (Northwestern Pike)/VA 614 (Back Mountain Rd.)**  
Short-term maintenance and move minor approach stop bar forward, relocate "Stop Ahead" sign, add "Watch for Turning Vehicles Sign" for westbound approach, and add centerline in crossover; Long-term lengthen existing eastbound right turn lane taper.
- 30

**US 11 (Valley Pike) from SCL of Middletown to NCL of Middletown**  
Long-term adjacent segment of I-81 is to be widened, monitor this segment for need of capacity improvements. (Middletown)
- 31

**VA T-1107 (Chapel Rd.) from WCL of Middletown to US 11 S.**  
Long-term widen to urban two-lane roadway. (Middletown)
- 32

**VA 723/Bridge over Opequon Creek**  
Short-term replace bridge.





# Page County Deficiencies

## PAGE COUNTY RECOMMENDATIONS

- 1

**US 211/VA 644 (Big Oak Rd.)**  
Short-term lengthen eastbound right turn bay and refresh pavement markings;  
Long-term signalize intersection when warranted.
- 2

**VA 638 (Mill Creek Rd.)/VA 639 (Lakewood Rd.)**  
Short-term convert intersections to three-way stop; Long term realign north intersection to the south intersection and convert intersection to four-way stop control, widen all approaches to twelve-foot lanes, add left turn lanes on all approaches, and improve vertical alignment under railroad overpass.
- 3

**US 340 from Rockingham Co. Line to SCL of Shenandoah**  
Short-term add "Watch for Turning Vehicles" signs along corridor in advance of major intersections and commercial areas; Long-term upgrade horizontal and vertical alignment to current standards, including full-width lanes and shoulders.
- 4

**US 340 from NCL of Shenandoah to US 211**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 5

**US 340 BUS from US 340 to VA 636**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 6

**US 340 from NCL of Luray to Warren Co. Line**  
Short-term add "Watch for Turning Vehicles" signs along corridor in advance of major intersections and commercial areas; Long-term upgrade horizontal and vertical alignment to current standards, including full-width lanes and shoulders.
- 7

**US 340 BUS from ECL of Stanley to SCL of Luray**  
Short-term add "Watch for Turning Vehicles" signs along corridor in advance of major intersections and commercial areas; Long-term upgrade horizontal and vertical alignment to current standards, including full-width lanes and shoulders.
- 8

**US 211 from Shenandoah Co. Line to .16 M. W. US 340**  
Long-term widen to rural four-lane roadway with median.
- 9

**VA 603 (Fleeburg Rd.) from Rockingham Co. Line to VA 681**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 10

**VA 603 (Fleeburg Rd.) from VA 681 to VA 602**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 11

**VA 602 (Corner Town Rd.) from VA 711 to VA 603 N.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 12

**VA 602 from VA 603 N. to VA 650**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 13

**VA 622 from VA 635 to US 340 BUS**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 14

**VA T- 760 (Forrest Dr.) from VA 622 to VA 635**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 15

**VA 635 (Forest Rd.) from VA 760 to VA 638**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 16

**VA 689 (Ida Rd.) from VA 611 S. to VA 624 N.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 17

**VA 611 (Kite Hollow Rd.) from VA 689 S. to VA 628**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 18

**VA 639 (Lakewood Dr) from VA 616 to VA 638**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 19

**VA 638 (Mill Creek Rd.) from VA 639 N. to SCL of Luray**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 20

**VA 689 (Antioch Rd.) from SCL of Luray to VA 642**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 21

**VA 675 from Shenandoah Co. Line to VA 615 S.**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 22

**US 340 at Bridge over Compton Creek, 1 mile S. of Warren Co.**  
Short-term replace bridge.
- 23

**US 340 at Bridge over Norfolk Southern Railroad, ~3.5 M. S. of Warren Co.**  
Short-term replace bridge.
- 24

**US 340 at Bridge over Cub Run near VA 613**  
Short-term replace bridge.
- 25

**VA 605/Bridge over Naked Creek, near Rockingham Co. Line**  
Short-term replace bridge.
- 26

**US 340 (Virginia Ave.) from SCL of Luray to Hawksbill St.**  
Deficiency with low priority. Continue to monitor for potential improvements. (Luray)
- 27

**US 211 BUS (W. Main St.) from US 211 to Leaksville Rd.**  
Deficiency with low priority. Continue to monitor for potential improvements. (Luray)
- 28

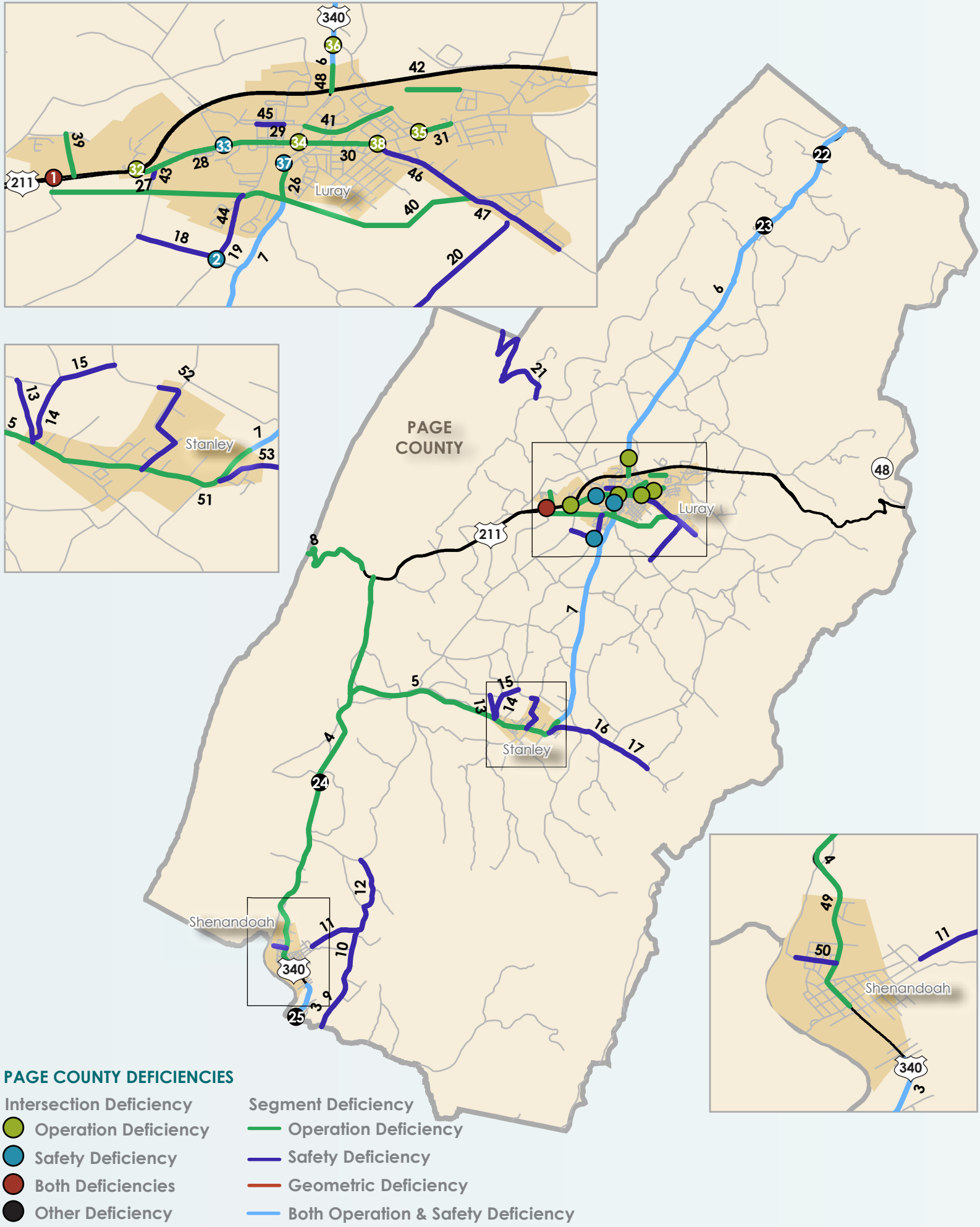
**US 211 BUS (W. Main St.) from Leaksville Rd. to Lee St.**  
Deficiency with low priority. Continue to monitor for potential improvements. (Luray)
- 29

**US 211 BUS (W. Main St.) from Lee St. to US 340 BUS**  
Deficiency with low priority. Continue to monitor for potential improvements. (Luray)
- 30

**US 211 BUS (E. Main St.) from US 340 BUS to Reservoir Ave.**  
Deficiency with low priority. Continue to monitor for potential improvements. (Luray)
- 31

**US 211 BUS (E. Main St.) from Collins Rd. to Smith St.**  
Deficiency with low priority. Continue to monitor for potential improvements. (Luray)
- 32

**Main St./US 211 Bypass**  
Long-term perform a signal warrant study and install new traffic signal, add eastbound right turn lane with taper. (Luray)



- 33

**Main St./Bixlers Ferry Rd.**  
Long-term improve intersection geometry, which requires further study to identify specific improvements. (Luray)
- 34

**Main St./Broad St.**  
Restrict on-street parking during peak hours on all four approaches of the intersection. (Luray)
- 35

**Main St./Collins Ave.**  
Long-term add turn lanes, which requires further study to identify specific improvements. (Luray)
- 36

**US 340/Collins Ave.**  
Long-term add southbound deceleration lane with taper. (Luray)
- 37

**Virginia Ave./Hawksbill Creek**  
Long-term replace bridge and upgrade approaches to standards. (Luray)
- 38

**Reservoir Ave./Main St.**  
Long-term widen Reservoir Avenue approach to two lanes to provide additional capacity at intersection and conduct further study to identify specific improvements. (Luray)
- 39

**New Connector Roadway from VA 647 to US 211**  
Long-term construct roadway on new alignment to two-lane urban standards. (Luray)
- 40

**Southwestern Connector Roadway from VA 644 to Fairview Rd.**  
Long-term construct roadway on new alignment to two-lane urban standards. (Luray)
- 41

**Northeastern Connector Roadway from Mechanic St. to Collins Ave.**  
Long-term construct roadway on new alignment to two-lane urban standards as an alternative roadway to Main Street. (Luray)
- 42

**New Industrial Access Rd. from Collins Ave. to Stoney Brook Lane**  
Long-term construct roadway on new alignment to two-lane urban standards and provide parallel access to Main Street for Industrial Park. (Luray)
- 43

**Leaksville Rd. from SCL to Main St.**  
Mid-term reconstruct roadway to three-lane rural standards to provide for center turn lane. (Luray)
- 44

**Court St. from SCL to Court St. Extension**  
Long-term reconstruct roadway to two-lane urban/rural standards and conduct further study to define specific limits of urban versus rural roadway improvements. (Luray)
- 45

**Mechanic St. from Lee St. to Hawksbill St.**  
Long-term reconstruct roadway to two-lane urban standards. (Luray)
- 46

**Reservoir Ave. from Main St. to Fairview Rd.**  
Long-term reconstruct roadway to two-lane urban standards. (Luray)
- 47

**Fairview Rd. from Reservoir Ave. to ECL**  
Long-term reconstruct roadway to two-lane urban standards. (Luray)
- 48

**US 340 from US 211 Bypass to NCL of Luray**  
Long-term widen to four-lane rural divided standards. (Luray)
- 49

**US 340 from VA T-602 to NCL of Shenandoah**  
Long-term widen to urban four-lane roadway with median. (Shenandoah)
- 50

**VA T- 683 (Junior Ave.) from US 340 to VA 683**  
Long-term widen to urban two-lane roadway. (Shenandoah)
- 51

**US 340 BUS from VA 636 to ECL of Stanley**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders). (Stanley)
- 52

**VA T- 638 (Aylor Grubbs Ave) from US 340 BUS W. to NCL of Stanley**  
Long-term widen to urban two-lane roadway. (Stanley)
- 53

**VA T- 689 (Kite Hollow Rd.) from VA 624 N. to US 340 BUS**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders). (Stanley)



# Shenandoah County Deficiencies

## SHENANDOAH COUNTY RECOMMENDATIONS

- 1

**VA 55 (John Marshall Hwy.)/VA 623**  
Mid-term realign Hockman Road to tie into Back Road and close intersection on VA 55; Long-term realign VA 55 to the north of dairy farm and construct roadway to standards.
- 2

**US 11/VA 639 (Green Acres Rd.)**  
Short-term prohibit right turns from minor approach and sign VA 639 to inform and guide traffic to VA 757 and VA 601 to reach US 11.
- 3

**I-81 Northbound off-ramp (exit 291)/VA 651 (Mount Olive Rd.)**  
Short-term modify northwest corner of intersection to accommodate turning truck traffic; Mid-term signalize intersection for safety; Long-term reconstruct interchange (project in environmental stage).
- 4

**VA 758 (Woodstock Tower Rd.) from VA 665 (Mill Rd.) to Top of mountain (E.)**  
Short-term improve guardrails and implement spot improvements, including pullouts at scenic locations.
- 5

**I-81 from WCL of Woodstock to US 11**  
Long-term reconstruct roadway (project in environmental stage).
- 6

**US 11/Old Cross Rd. (VA 211)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 7

**VA 55 (John Marshall Hwy.)/I-81 ramps (S.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 8

**VA 55 (John Marshall Hwy.)/I-81 ramps (N.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 9

**I-81 from VA 730 to VA 292**  
Long-term reconstruct roadway (project in environmental stage).
- 10

**I-81 from VA 292 to VA 614**  
Long-term reconstruct roadway (project in environmental stage).
- 11

**I-81 from VA 614 to VA 185**  
Long-term reconstruct roadway (project in environmental stage).
- 12

**I-81 from VA 185 to SCL of Woodstock**  
Long-term reconstruct roadway (project in environmental stage).
- 13

**VA 211 (W. Old Cross Rd.) from VA 728 to WCL of New Market**  
Long-term widen to rural four-lane roadway with median.
- 14

**US 211 (Lee Hwy.) from VA 834 to Page Co. Line**  
Long-term widen to rural four-lane roadway with median.
- 15

**US 11 (Old Valley Pike) from VA 620 to SCL of Mount Jackson**  
Long-term widen to urban four-lane roadway with median.
- 16

**US 11 (Main St.) from NCL of Woodstock to VA 664**  
Long-term widen to urban four-lane roadway with median.
- 17

**US 11 (Main St.) from NCL Toms Brook to SCL of Strasburg**  
Long-term widen to urban four-lane roadway with median.
- 18

**VA 55 (John Marshall Hwy.) from VA 628 W. to VA 623**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 19

**VA 55 (John Marshall Hwy.) from VA 622 to I-81**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 20

**I-81 from US 11 to Warren Co. Line**  
Long-term widen to rural six-lane roadway with median (ongoing EIS study will further define improvements).
- 21

**US 11 (Main St.) from NCL of Edinburg to SCL of Woodstock**  
Long-term widen to urban four-lane roadway with median.
- 22

**VA 953 from VA 211 to VA 728**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 23

**VA 675 from VA 678 Middle Intersection to Page Co. Line**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 24

**VA 614 from VA 42 N. to VA 263**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 25

**VA 698 (Red Banks Rd.) from VA 707 to ECL of Mount Jackson**  
Long-term reconstruct road to address geometric deficiencies (10-foot lanes).
- 26

**VA 698 (Palmyra Church Rd.) from VA 822 to VA 707**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 27

**VA 614 (S. Middle Rd.) from VA 707 S. to VA 708 S.**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 28

**VA 614 (S. Middle Rd.) from VA 708 S. to VA 708 N.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 29

**VA 614 (S. Middle Rd.) from VA 708 N. to VA 693**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 30

**VA 710 from VA 707 S. to VA 703 N.**  
Long-term reconstruct road to address geometric deficiencies (10-foot lanes).
- 31

**VA 709 from VA 709 N. to VA 42 S.**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 32

**VA 42 from VA 711 to VA 691**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 33

**VA 42 from VA 691 to VA 779**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 34

**VA 675 from VA 608 to VA 42 E.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 35

**VA 675 from VA 749 to VA 608**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 36

**VA 673 from .53 M. E. US 11 to Dead End**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).



- 37

**VA 676 from VA 816 to VA 604 W.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 38

**VA 600 (Zepp Rd.) from VA 623 to VA 652 N.**  
Long-term reconstruct road to address geometric deficiencies (10-foot lanes).
- 39

**VA 648 (Sandy Hook Rd.) from SCL of Strasburg to 1.23 M. S. of SCL of Strasburg**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 40

**VA 628 from Frederick Co. Line to VA 55 N.**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 41

**US 11/Bridge over Cedar Creek**  
Short-term replace bridge.
- 42

**VA 600/Bridge over N. Fork Shenandoah River**  
Mid-term replace bridge.
- 43

**VA 663/Bridge over N. Fork Shenandoah River**  
Short-term replace bridge.
- 44

**VA 744/Bridge over N. Fork Shenandoah River**  
Short-term replace bridge.
- 45

**US 11 from 0.10 M. S. VA 625 to VA 740**  
Short-term reconstruct roadway to three-lane standards and improve drainage.
- 46

**US 11 (Old Valley Pike) from SCL of Edinburg to VA 675 N.**  
Long-term widen to urban four-lane roadway with median. (Edinburg)
- 47

**US 11 (Main St.) from VA 675 N. to NCL of Edinburg**  
Long-term widen to urban four-lane roadway with median. (Edinburg)
- 48

**VA T- 1419 (Palmyra Rd.) from VA 760 to VA 1417**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes). (Edinburg)
- 49

**VA T- 760 (Water St.) from US 11 to VA 1419**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes). (Edinburg)
- 50

**VA T- 1402 (N. High St.) from VA 675 to .30 M. E. VA 675**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes). (Edinburg)
- 51

**US 11/VA 292**  
Deficiency with low priority. Continue to monitor for potential improvements. (Mount Jackson)
- 52

**VA 292 from I-81 to US 11**  
Long-term widen to urban four-lane roadway with median. (Mount Jackson)
- 53

**US 211/I-81 Southbound off ramp**  
Long-term install signal and reconstruct interchange (project in environmental stage). (New Market)
- 54

**US 211/VA 305/VA 619**  
Long-term install “Do Not Block Intersection” signs after adjacent intersection is signalized. (New Market)
- 55

**I-81 from Rockingham Co. Line to US 211/VA 211**  
Long-term reconstruct road to rural six-lane standards (project in environmental stage). (New Market)
- 56

**VA 211 (W. Old Cross Rd.) from WCL of New Market to VA 305**  
Long-term widen to urban four-lane roadway with median. (New Market)
- 57

**VA 211 (W. Old Cross Rd.) from VA T-1003 to US 11 S.**  
Long-term widen to urban four-lane roadway with median. (New Market)
- 58

**US 11 (Congress St.) from VA T-1002 (Southern Intersection with US 211) to US 211 N.**  
Long-term upgrade to urban three-lane roadway. (New Market)
- 59

**US 211 (Lee Hwy.) from US 11 N. to ECL of New Market**  
Long-term upgrade to urban three-lane roadway. (New Market)



# Shenandoah County Deficiencies

## SHENANDOAH COUNTY RECOMMENDATIONS (continued)

- 60

**VA T- 1002 (Old Cross Rd.) from VA T-735 to ECL of New Market**  
Long-term widen to urban four-lane roadway with median. (New Market)
- 61

**I-81 from US 211/VA 211 to VA 730**  
Long-term reconstruct roadway (project in environmental stage). (New Market)
- 62

**US 11 (N. Massanutten Hwy.)/VA 55 (John Marshall Hwy.)**  
Short-term restripe northbound approach to a ten-foot left turn lane and a twelve-foot through lane; Mid-term signalize intersection, add separate eastbound right turn bay, and coordinate signal with adjacent signals on Massanutten from US 11 to King Street. (Strasburg)
- 63

**US 11 (Old Valley Pike)/Radio St/Ion Rd.**  
Long-term monitor for need of additional improvements (intersection recently up-graded with a signal and access management). (Strasburg)
- 64

**US 11/Shopping Center Rd. (N.)**  
Mid-term install street lights and convert north access for shopping center to a right in-right out intersection and divert left turns to south entrance when south entrance is signalized; Long-term evaluate further widening of US 11. (Strasburg)
- 65

**US 11/Shopping Center Rd. (S.)**  
Mid-term install signal and street lights; Long-term evaluate further need to widen US 11. (Strasburg)
- 66

**VA 648 (Holliday St.)/Strasburg High School**  
Mid-term monitor Holliday Street/South Queen Street intersection for signal warrants; Long-term further study needed to widen Holliday Street or develop a second crossing over the river as a secondary access to the schools. (Strasburg)
- 67

**US 11 (Stover Ave.) from Capon St. to Holiday St.**  
Long-term construct US 11/VA 55 bypass and monitor traffic flows following construction. (Strasburg)
- 68

**Holiday St. from Queen St. to High St.**  
Long-term further study needed to widen Holliday Street. (Strasburg)
- 69

**US 11 (Massanutten St.) from King St. to VA 55 N.**  
Long-term construct US 11/VA 55 bypass and monitor traffic flows following construction. (Strasburg)
- 70

**VA 55 (King St.) from US 11 (Massanutten St.) to Eberly St.**  
Long-term construct US 11/VA 55 bypass and monitor traffic flows following construction. (Strasburg)
- 71

**Aileen Ave. from Queen St. to Dead End**  
Long-term reconstruct to urban two-lane standards (including full-width lanes and shoulders). (Strasburg)
- 72

**Queen St. from Holliday St. to 0.085 Mi. W. of S. Massanutten St.**  
Long-term reconstruct to urban two-lane standards (including full-width lanes and shoulders). (Strasburg)
- 73

**Queen St. from S. Massanutten St. to Aileen Ave.**  
Long-term reconstruct to urban two-lane standards (including full-width lanes and shoulders). (Strasburg)
- 74

**Eberly St. from VA 55 to Washington St.**  
Long-term reconstruct to urban two-lane standards (including full-width lanes and shoulders). (Strasburg)
- 75

**Washington St. from Massanutten St. to Capon St.**  
Long-term reconstruct to urban two-lane standards (including full-width lanes and shoulders). (Strasburg)
- 76

**Orchard St. from US 11 to Third St.**  
Long-term reconstruct road to address geometric deficiencies (10-foot lanes). (Strasburg)
- 77

**A St. from Capon St. to WCL of Strasburg**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes). (Strasburg)
- 78

**Massanutten St./Washington St.**  
Short-term install traffic signal and coordinate with existing signals on Massanutten Street from US 11 to King Street. (Strasburg)
- 79

**Crim Drive/Washington St.**  
Mid-term realign and signalize intersection. (Strasburg)
- 80

**King St./Holliday St.**  
Mid-term provide southbound and eastbound right turn lanes along with northbound and westbound left turn lanes by eliminating on-street parking and adjust signal timing to coordinate with signals on King Street. (Strasburg)
- 81

**King St./Massanutten St.**  
Mid-term adjust signal timing for this intersection to coordinate with signals on King Street. (Strasburg)
- 82

**Massanutten St. from VA 55 (John Marshall Hwy.) to E. Thompson St.**  
Short-term eliminate on-street parking and restripe roadway to provide a center turn lane; Long-term widen to urban two-lane roadway. (Strasburg)
- 83

**Massanutten St. from E. Thompson St. to Lee St.**  
Short-term widen roadway to three lanes to provide for a center turn lane; Long-term reconstruct to urban four-lane standards. (Strasburg)
- 84

**U.S. Route 11 (Stover Ave.) from WCL to Capon St.**  
Short-term restripe roadway to provide a center turn lane. (Strasburg)
- 85

**Capon St. from King St. to VA 55 (John Marshall Hwy.)**  
Long-term reconstruct roadway to two-lane urban standards. (Strasburg)
- 86

**Washington St. from Massanutten St. to Eberly St.**  
Long-term reconstruct roadway to two-lane urban standards. (Strasburg)
- 87

**US 11 (Massanutten St.) from Lee St. to NCL of Strasburg**  
Long-term reconstruct to urban four-lane standards. (Strasburg)
- 88

**Queen St. Extension from Sharp St. to US 11 (Stover Ave.)**  
Mid-term extend Queen Street from Sharp Street to Stover Avenue as a two-lane urban facility. (Strasburg)
- 89

**US 11 & VA 55 Bypass from Capon/VA 55 Intersection to Massanutten/Crystal Lane Intersection**  
Mid-term construct bypass as a two-lane urban facility. (Strasburg)



- 90

**Eastern Bypass from Massanutten/Crystal Lane Intersection to Northern Terminus of Crim Lane**  
Mid-term construct bypass as a two-lane urban facility. (Strasburg)
- 91

**Crim Drive from Washington St. to Northern Terminus**  
Long-term reconstruct roadway to two-lane urban standards. (Strasburg)
- 92

**Dickerson Lane Extension from Northern Terminus of Dickerson Lane to Eastern Terminus of Crystal Lane**  
Mid-term extend roadway to connect to Crystal Lane as a two-lane urban facility. (Strasburg)
- 93

**New Access Rd. from Aileen Ave. to High School Parking Facility**  
Mid-term construct new roadway as a two-lane urban facility. (Strasburg)
- 94

**Queen St. from 0.085 Mi. W. of S. Massanutten St. to S. Massanutten St.**  
Short-term reconstruct roadway to two-lane urban standards. (Strasburg)
- 95

**US 11 (Old Valley Pike) from VA 653 S. to NCL of Toms Brook**  
Long-term upgrade to urban three-lane roadway. (Toms Brook)
- 96

**I-81/VA 42**  
Short-term apply access management and sign westbound left turn lanes to indicate access to Wal-Mart versus Lowes; Mid-term construct parallel access roads from Minor Road; Long-term reconstruct interchange (project in environmental stage). (Woodstock)
- 97

**VA 42 (W. Reservoir Rd.)/Ox Rd.**  
Add northbound left turn lane. Continue to monitor for potential improvements after northbound left turn lane is added. (Woodstock)
- 98

**VA 42 (W. Reservoir Rd.)/US 11 (Main St.)**  
Deficiency with low priority. Continue to monitor for potential improvements. (Woodstock)
- 99

**I-81 from SCL of Woodstock to WCL of Woodstock**  
Long-term reconstruct road to rural six-lane standards (project in environmental stage). (Woodstock)
- 100

**US 11 (Main St.) from Lakeview Drive to W. Reservoir Drive**  
Long-term upgrade to urban four-lane roadway. (Woodstock)
- 101

**US 11 (Main St.) from Indian Spring Rd. to W. N. St.**  
Long-term upgrade to urban four-lane roadway. (Woodstock)
- 102

**US 11 (Main St.) from SCL of Woodstock to Lakeview Drive**  
Long-term upgrade to urban four-lane roadway. (Woodstock)
- 103

**E. Reservoir Rd. from ECL of Woodstock to Water St.**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes). (Woodstock)
- 104

**Water St. from Indian Spring Rd. to Hollingsworth Rd.**  
Long-term reconstruct to urban two-lane standards. (Woodstock)
- 105

**Lee St. from N. St. to NCL of Woodstock**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes). (Woodstock)
- 106

**VA 42 (Reservoir Rd.)/Motel Drive**  
Long-term perform signal study and install signal when warranted. (Woodstock)
- 107

**Susan Avenue/VA 42 (Reservoir Rd.)**  
Long-term construct island to prohibit northbound left turns and through movements. (Woodstock)
- 108

**Ox Rd./Falcon Drive**  
Long-term add a westbound right turn lane, a northbound right turn lane, and a southbound left turn lane. (Woodstock)
- 109

**New Interchange on I-81 N. Side of Woodstock**  
Long-term construct new interchange on I-81 providing access to VA 676, VA 604, VA 642, and US 11 (further study required to define specific improvements). (Woodstock)



# Shenandoah County Deficiencies

## SHENANDOAH COUNTY RECOMMENDATIONS (continued)

- 110

**VA 42 (Reservoir Rd.)/Hisey Ave.**  
Mid-term construct southbound left turn lane and northbound right turn lane. (Woodstock)
- 111

**US 11/Lora Drive (1,500 ft N. of Hoover Rd.)**  
Mid-term signalize intersection. (Woodstock)
- 112

**VA 42 (Reservoir Rd.) from WCL of Woodstock to I-81 W.**  
Long-term improve and widen VA 42 from current configuration to four-lane urban divided standards and implement access management. (Woodstock)
- 113

**VA 42 (Reservoir Rd.) from I-81 W. to Susan Ave.**  
Long-term improve and widen VA 42 from current configuration to four-lane urban divided standards and implement access management. (Woodstock)
- 114

**Hisey Ave. Extension (N.) from Hisey Ave. to N. St.**  
Long-term extend Hisey Avenue from current northern terminus to North Street and construct extension to rural two-lane standards. (Woodstock)
- 115

**Hisey Ave. Extension (Central) from Hisey Ave. to Spring St.**  
Long-term extend Hisey Avenue from current northern terminus to North Street and construct extension to rural two-lane standards. (Woodstock)
- 116

**Hoover Rd. from Hisey Ave. Extension to Water St. Extension**  
Long-term reconstruct roadway to two-lane rural standards. (Woodstock)
- 117

**Hisey Ave. (S.) from Hisey Ave. to Hoover Rd.**  
Long-term extend Hisey Avenue from current northern terminus to North Street and construct extension to rural two-lane standards. (Woodstock)
- 118

**Ox Rd. from Hoover Rd. to Park Ave.**  
Long-term reconstruct roadway to two-lane rural standards. (Woodstock)
- 119

**Massanutten Heights from Ox Rd. to Commerce St.**  
Long-term reconstruct roadway to two-lane rural standards. (Woodstock)
- 120

**New Connector Roadway from VA 676 to Main St./Moose Rd. Intersection**  
Long-term construct roadway on new alignment to two-lane rural standards. (Woodstock)
- 121

**Proposed Central High School Access Rd. from School Complex to Hoover Rd.**  
Long-term provide additional access to the school for improved circulation. (Woodstock)
- 122

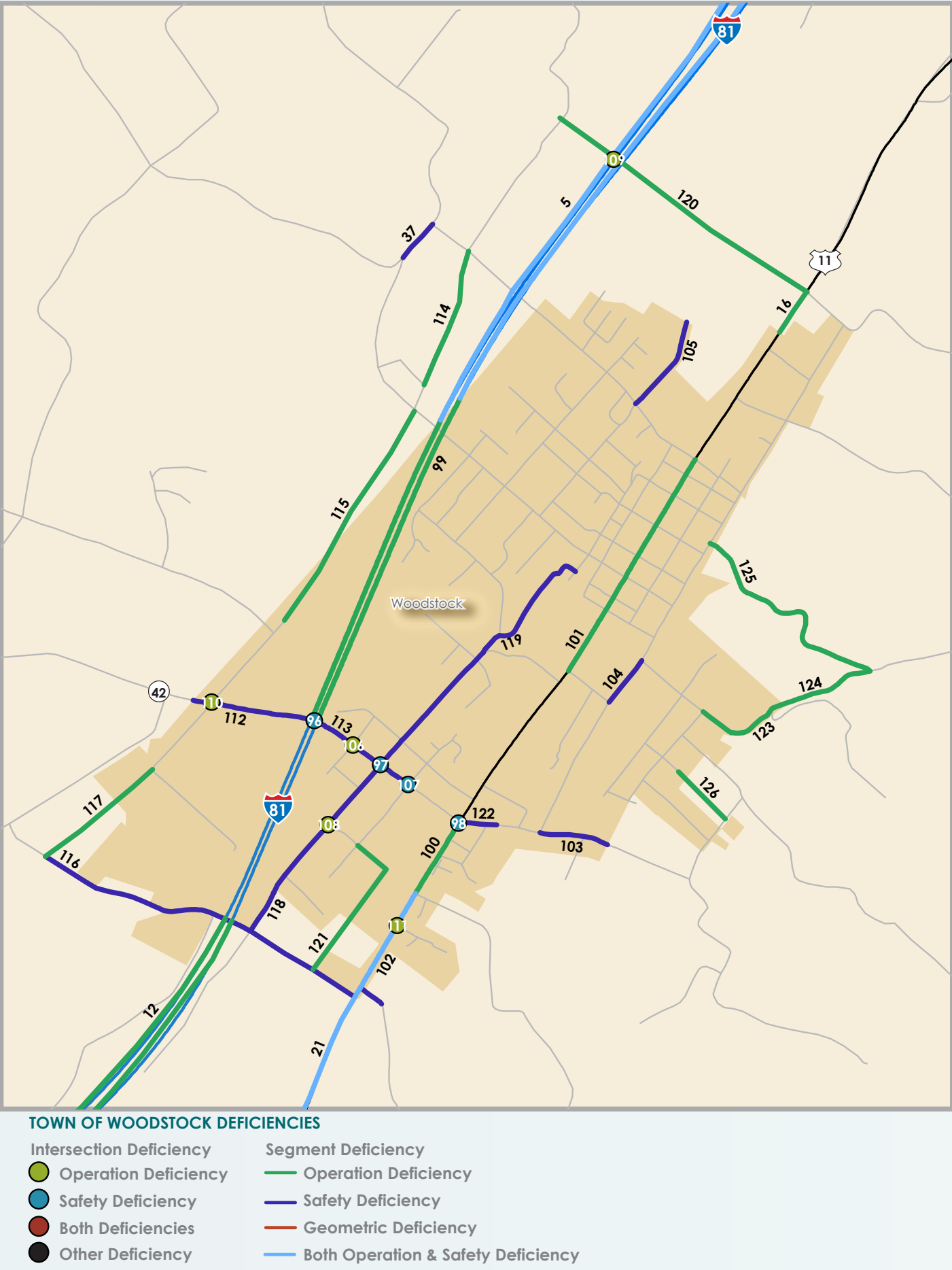
**E. Reservoir Rd. from US 11 to 0.133 M. E. US 11**  
Mid-term reconstruct approach to standards. (Woodstock)
- 123

**VA 667 (Lupton Rd.) from Hollingsworth St. to VA 668 (French Woods Rd.)**  
Mid-term reconstruct roadway to standards. (Woodstock)
- 124

**VA 668 (French Woods Rd.) from VA 667 ( Lupton Rd.) to VA 758 (Cemetery Rd.)**  
Mid-term reconstruct roadway to standards. (Woodstock)
- 125

**VA 758 (Cemetery Rd.) from S. Water St. to VA 668 (French Woods Rd.)**  
Mid-term reconstruct roadway to standards. (Woodstock)
- 126

**Indian Spring Rd. from Jackson St. to Hollingsworth Rd.**  
Long-term construct east extension of Indian Spring Road on new alignment at two-lane rural standards. (Woodstock)





# Warren County Deficiencies

## WARREN COUNTY RECOMMENDATIONS

- 1

**VA 55 (Strasburg Rd.) at VA 678 (Fort Valley Rd.)/VA 610 (Bucks Mill Rd.)**  
Short-term add stop bar to VA 678 approach; Mid-term add westbound left turn bay and eastbound right turn bay.
- 2

**VA 55 (Strasburg Rd.)/VA 626 (Totten Rd.)**  
Short-term add stop bar to VA 626 approach; Mid-term widen VA 626 to twelve-foot lanes and add westbound left turn lane to separate turning traffic; Long-term realign roadway to the west to correct horizontal/vertical curve.
- 3

**VA 55 (John Marshall Hwy.)/VA 638 (Freezeland Rd./Fiery Run Rd.)**  
Short-term reconstruct roadway to standards; Mid-term widen VA 55 approaches to accommodate left and right turn lanes, widen Fiery Run Road and Freezeland Road to twelve-foot lanes; Long-term monitor for need of a signal.
- 4

**US340/522 from N. Fork Shenandoah River to I-66**  
Short-term perform study to determine safety improvements along this corridor, such as signalizing key intersections or reducing speed limit; Mid-term provide locations for mid-block U-turns south of VDOT Park & Ride lot.
- 5

**VA 55 (John Marshall Hwy.) from ECL Front Royal to VA 79**  
Short-term reduce speed limit from 55 to 45 mph; Long-term widen VA 55 to four-lane rural standards.
- 6

**VA 79 from VA 55 (John Marshall Hwy.) to I-66**  
Short-term review signal timing plans; Long-term widen to four-lane rural standards, add westbound I-66 to southbound VA 79 loop ramp, realign eastbound ramps to single signalized intersection, and add second eastbound left turn lane and convert southbound right into a free flow right turn movement at VA 55 and VA 79 junction.
- 7

**I-66 at Exit 6 Westbound Onramp Merge-point/Bridge**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 8

**US 340 (Winchester Rd.)/I-66 Ramps (N.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 9

**US 340 (Winchester Rd.)/VA 655 (Country Club Rd.)**  
Deficiency with low priority. Continue to monitor for potential improvements.
- 10

**VA 55 (John Marshall Hwy.)/VA 79**  
Lengthen southbound right turn lane. Continue to monitor for additional improvements after lengthening turn bay.
- 11

**I-66 from I-81 Northbound Onramp to Fauquier Co. Line**  
Long-term widen to rural six-lane roadway with median.
- 12

**US 340 from I-66 to VA 658**  
Short-term reduce speed limit from 55 to 45 mph; Mid-term add street lighting, reflectors, and puppy tracks at intersections in commercial strip and apply access management; Long-term widen to rural six-lane roadway with median.
- 13

**US 340 from VA 658 to Clarke Co. Line**  
Mid-term add street lighting, reflectors, and apply access management; Long-term widen to rural six-lane roadway with median.
- 14

**US 340 from Page Co. Line to VA 619**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 15

**VA 55 (Strasburg Rd.) from VA 626 E. to WCL of Front Royal**  
Long-term widen to rural four-lane roadway with median.
- 16

**US 522 (Zachary Taylor Ave.) from Rappahannock Co. Line to VA 604**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 17

**US 522 (Zachary Taylor Ave.) from VA 604 to SCL of Front Royal**  
Long-term widen to rural four-lane roadway with median.
- 18

**I-81 from Shenandoah Co. Line to Frederick Co. Line/I-66**  
Long-term reconstruct road to rural six-lane standards (project in environmental stage).
- 19

**VA 613 (Bentonville-Browntown Rd.) from US 340 E. to VA 630**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 20

**VA 613 (Bentonville-Browntown Rd.) from VA 630 to VA 738**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 21

**VA 613 (Bentonville-Browntown Rd.) from VA 738 to VA 649**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 22

**VA 678 (Fort Valley Rd.) from Shenandoah Co. Line to VA55**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders).
- 23

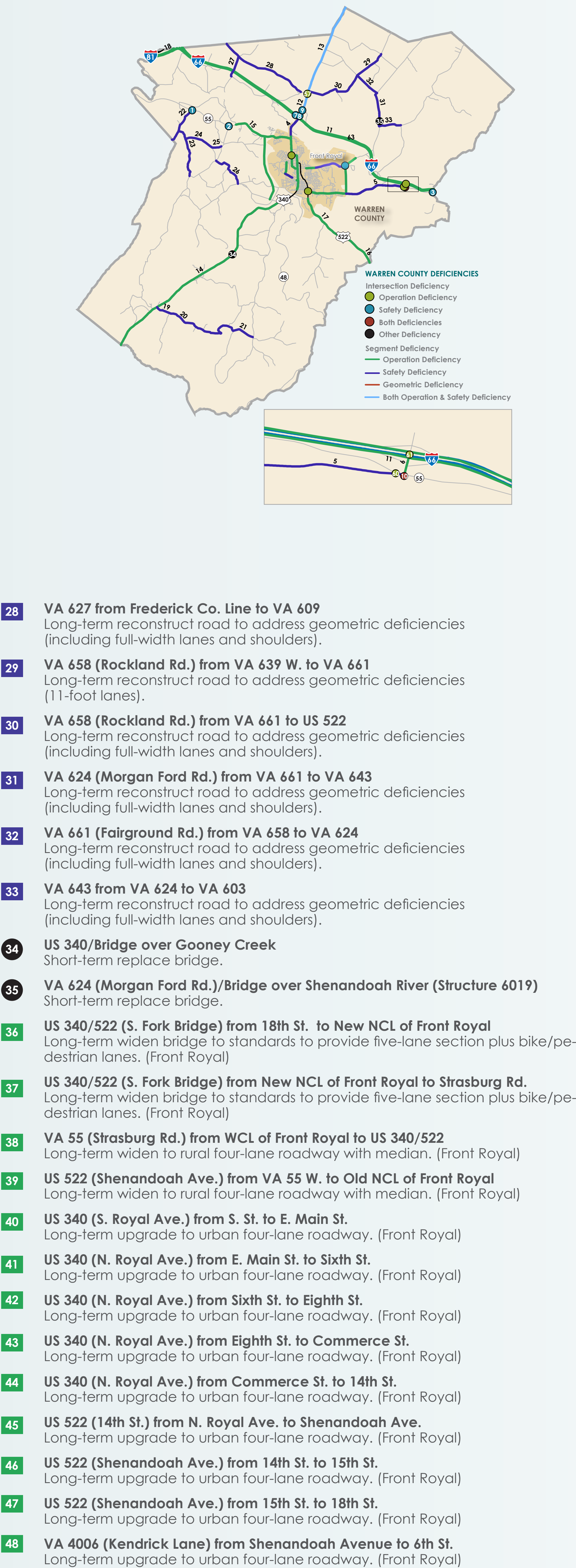
**VA 619 (Mountain Rd.) from VA 678 to VA 626**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 24

**VA 615 from VA 660 to VA 619**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 25

**VA 660 from VA 626 to VA 615**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 26

**VA 615 from VA 619 S. to VA 626 E.**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).
- 27

**VA 637 (River Rd.) from VA 626 to VA 627**  
Long-term reconstruct road to address geometric deficiencies (11-foot lanes).





# Warren County Deficiencies

- 49

**VA 4010 (Shenandoah Ave.) from Kendrick Lane to 12th St.**  
Long-term upgrade to urban four-lane roadway. (Front Royal)
- 50

**VA 4010 (Shenandoah Ave.) from 12th St. to 13th St.**  
Long-term upgrade to urban four-lane roadway. (Front Royal)
- 51

**VA 4006 (6th St.) from Bel Air Ave. to Happy Creek Rd.**  
Deficiency with low priority. Continue to monitor for potential improvements. (Front Royal)
- 52

**VA 4004 (W. Main St.) from Luray Ave. to N. Royal Ave.**  
Deficiency with low priority. Continue to monitor for potential improvements. (Front Royal)
- 53

**VA 4006 (Happy Creek Rd.) from Leach Run Parkway to ECL of Front Royal**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders). (Front Royal)
- 54

**US 522 (Chester Gap Rd.) from SCL of Front Royal to Criser Rd.**  
Long-term widen to rural four-lane roadway with median. (Front Royal)
- 55

**VA 4004 (W. Main St.) from Viscose Ave. to N. Ave.**  
Long-term reconstruct road to address geometric deficiencies (including full-width lanes and shoulders). (Front Royal)
- 56

**Western Bypass from VA 619 to VA 55**  
Long-term construct new roadway to two-lane rural standards. (Front Royal)
- 57

**US 340/522 at Reliance Rd./Rockland Rd.**  
Long-term realign Rockland Road and install traffic signal. (Front Royal)
- 58

**US 340/522/14th St.**  
Long-term add second westbound right turn lane and modify signal timing. (Front Royal)
- 59

**VA 55/Commerce Ave.**  
Long-term realign intersection to increase intersection spacing and install traffic signal. (Front Royal)
- 60

**VA 55/Dismal Hollow Rd.**  
Long-term realign intersection to increase intersection spacing and install traffic signal. (Front Royal)
- 61

**I-66/VA 79**  
Long-term modify existing interchange configuration from a diamond ramp to a loop ramp for the westbound to southbound movement. (Front Royal)
- 62

**Leach Run Pkwy./Happy Creek Rd.**  
Mid-term construct Happy Creek Road interchange to eliminate at-grade railroad crossing. (Front Royal)
- 63

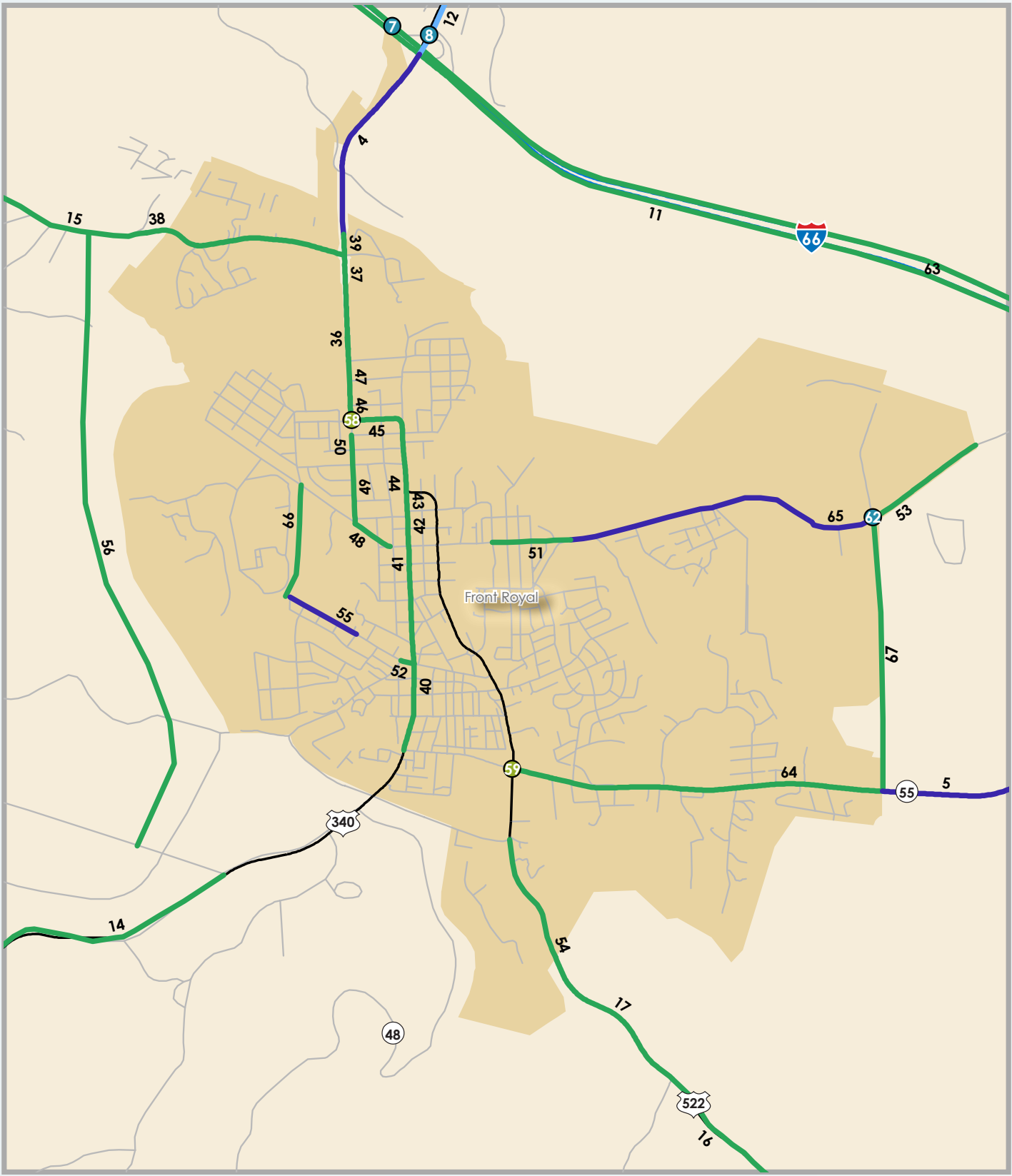
**I-66/the Existing VA 606 Overpass**  
Long-term construct a diamond interchange to connect with an improved VA 606. (Front Royal)
- 64

**VA 55 Widening from Commerce Ave. to ECL Front Royal**  
Long-term widen VA 55 to four-lane urban divided standards. (Front Royal)
- 65

**VA 647 (Happy Creek Rd.) from 6th St. to VA 606**  
Short-term reconstruct roadway to two-lane urban standards; Long-term re-align Happy Creek Road and Sixth Street intersection. (Front Royal)
- 66

**New Local Connector Roadway from Kerfoot Ave. to Massanutten Ave.**  
Long-term construct new roadway to two-lane urban standards. (Front Royal)
- 67

**Leach Run Pkwy. from VA 606 to VA 55**  
Long-term construct roadway to four-lane urban divided standards on existing or new alignment and construct interchange to eliminate at-grade railroad crossing. (Front Royal)





# Other Transportation Recommendations

## Public Transportation Strategies

- Continue to support capital needs of coordinated human service and public transportation providers;
- Expand availability of demand-response and specialized transportation services to provide additional trips for older adults, people with disabilities, and people with lower incomes;
- Build coordination among existing public transportation and human service transportation providers;
- Expand outreach and information on available transportation options in the region, including establishment of a centralized point of access;
- Provide flexible transportation options and more specialized one-to-one services through expanded use of volunteers;
- Establish or expand programs that train customers, human service agency staff, medical facility personnel, and others in the use and availability of transportation services;
- Establish a ride-sharing program for long-distance medical transportation;
- Expand access to taxi and other private transportation operators;
- Implement new public transportation services or operate existing public transit services on more frequent basis;
- Bring new funding partners to public transit/human service transportation; and
- Provide targeted shuttle services to access employment opportunities.